62/2017-18.

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11-12-2017ರಂದು ವಿತರಿಸಿದೆ,

6101 ರಂದ 426200 ರ

ದು ದೃಢಪಡಿಸಿದೆ.

gineer
a Division
, B.B.M.P.
60092

NO: 11/12

I St And Final Bill **M. A. R. 57 (Rule 116)** Work Code - 006-18-000002

Measurement Book **No. B** Est Cost Rs. 60.00 Lacs

Serial No. Improvements to Roads Drains And Culverts 126101

Name of Work At Dasarahalli From Bande And To Maruthi layout

Name of Contractor of nature of Agency In Ward No. 06 Byatarayanapura Sub Division

Date of commencement of work

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name & Contractor. Executive Engineer KRIDL, 280, 59th Cross Road 17th C Main Road, 3rd y Block Rajajinagara, Bangalore-560010						
	Work order No. - BBMP/EE/BTP/WO/112/2017-18.						
(1)	Earth Work in Surface Excavation in hard Soil for leveling and lowering the ground measured over shown foundations & Buildings Culverts, Road Drains and manholes & Pipe line and Cases) and removing the excavated Stuff to a distance						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	not exceeding 30 MSR and LIFT upto 1.50 Mtr Excavated Surface leveled and nearly Dressed Dispersed earth to be leveled after breaking & clods and nearly dressed as per Specification etc., complete.						
	As per Pre. Measurement recorded vide Page No. 426155 to 426156 in this MB.						
	Rate. 86:92					61.55 M^3	5349:92
(2)	Earthwork in excavation by manual means in ordinary Soil Soil involving an average horizontal throw upto 2 meters and an average lift upto 0.50 Mtr Excavated						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Surface leveled earth to be levee as per Specifica
	As per Pre. M No. 426156
	Rate. 115:56

OK

Depth 6	Contents 7	Reference to last Measurement 8
	upto 1.50 Mtr Excavated dispersed earth to leads and nearby disposed use.	
	ment recorded vide 26156 in this MB.	
	61.55 M3 5349.92	
	ual means in ordinary ontizontal throw upto upto 0.50 Mtr Excavated	

M. A. R. 57 (Rule 116)
Measurement Book

No. B
426102

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Surface cleared and sides neatly disposed use disposed earth to be cleared neatly after shaping & clods crushed as per specification compose as per specification. As per the measurement recorded vide Page No.. 426156 to 426157 in this MB. Rate - 115:56					128.67 M3	14869 - 14871 : 41

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(3)	'Providing and laying in Position Plain Cement Concrete @ Mix M 1:4:8 with OPC Cement as 150 kgs bags per cum and down size graded granite metal Coarse aggregate as 0.892 cum and fine aggregate as 0.57 cum meeting mixed Concrete laid in layers not exceeding 15 cms thick well compacted in foundations and Plinth including cost of all necessary labour curing Complete as per Specification. As per Pre. Measurement recorded vide Page No.. 426157 to 426161 in this MB. Rate. 5159:02					380.79 M3	1964503:22

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
(4)	Providing and Constr Masonry in foundati dressed in Courses N 0.0 mtr apart in cal Curing Complete as p As per Pre. M Page No. Rate. 4438:22	4

BOOK

ns		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
on Plain Cement Concrete nt as 1st bags work hown metal coarse aggrigate se as 0.57 cum meeting not exceeding 15 cms size d Plain including Cost & mpress as per Specification.			
nt recorded vide 426161		in this MB. 380.79 M³ 1964503.22	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426103

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(4)	Providing and Constructing Granite (Chap) basalt Size Stone Masonry in foundation with Cement Mortar 1:6 Stone hammered dressed in Courses not less than 20cms high and Stones of 0.0 m³ apart in each Courses including Cost & materials & Curing Complete as per Specification. As per Pre-Measurment recorded vide Page No. 426161 to 426162 Rate. 4438.22					in this MB. 16.74 M³ 74295.80	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(5)	Providing and Constructing Granite/Rubble/Basalt Stone Masonry in Basement with Cement Mortar 1:6 edges & stones chisselled dressed in courses not less than 15cms with bond stones at 2.0 Mtr apart in each course including Cost & Materials Cost on Curing complete as per Specification.						
	BBMP office Back side	(1) 2	8.00	0.50	0.45	3.60	
	Increase Bande	(2) 2	5.85	0.50	0.45	2.63	
		(3) 2	5.75	0.50	0.45	2.58	
		(4) 2	5.60	0.50	0.45	2.52	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	(5)
	SSM Rising
	Rate · 5305 : 3
(6)	Providing and ... propping etc.. and ... Boring & Seam...

OOK

	Depth 6	Contents 7	Reference to last Measurement 8
Granite/Rep/Basalt			
ment with Cement Mort			
sed in Courses not less			
2.0 Mtr apart in each			
& Cashew Curing Complete			
	0.45	3.60	
	0.45	2.63	
	0.45	2.58	
	0.45	2.52	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426104

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(5)	2	5.80	0.50	0.45	2.61	
	SSM Rising -	2	30.00	0.45	0.20	5.40	
		2	15.00	0.45	0.20	2.70	
						22.04 m³	
	Rate · 5305:30						116928:81
	(6) Providing and removing Centering Shuttering Striking Propping etc.. and removal of Form work to Sides and Soffits of Beams Beam haunches Canchiver Windows						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Excavation and earthwork not exceeding 1.0 m in depth including cost of necessary support complete as per specification.						
	As per Pre-Measurement recorded vide Page No. 426164 to 426165 in this MB.					36.66 m²	
	Page. 271:36						9948:05
(7)	Providing and laying in position Plain cement Concrete 1:3:6 with OPC Cement @ 220 kg with 20mm and down size graded granite metal Coarse aggregate as per						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	and fine aggrega... laid in laying ... in foundation ... H.M & machinery
	As per Pre...
	Page No.. 4...
	Page - 5598:9...

th	Contents 7	Reference to last Measurement 8
...ding	1:0 Mix in door...	
...n Concrete as per		
recorded vide		
65 in this MB.		
~~36.66~~ M2		
9948:05		
Plain cement Concrete		
220 kg with 20mm ag...		
...ange aggregate as ...		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426105

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	and the aggregate as 0.56 cum meaning mixed Concrete laid in layers not exceeding 15 cms thick was compacted in foundation and Plinth including Cost of Materials, Labour, Hire & machinery Curing complete as per Specification.						
	As per Pre. Measurement recorded vide Page no.. 426165 to 426167 in this MB.					69.11 M^3	386941:36
	Page - 5598:92						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(8)	Providing Flush pointing to Coursed Stone Masonry with Cement Mortar 1:3 20mm deep after Raking joints to depth of 20mm nicely lining including Cost of Material Labour Curing Complete as per Specification etc., Complete.						
	BBMP office Backside (1)	2	8.00	-	0.50	8.00	
	I st Cross Bande (2)	2	5.85	-	0.50	5.85	
	(3)	2	5.75	-	0.50	5.75	
	(4)	2	5.60	-	0.50	5.60	
	(5)	2	5.80	-	0.50	5.80	
	Rate - 102:82					31.00 M^3	3187:42

Serial No. .....
Name of Work .....
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of wor
1	2
(9)	Providing an & Mix M20 w size graded gr and fine aggr 318 conforming Exceeding 15cms Plinth and grou reinforcing Wate including Cost &

OOK

th	Depth 6	Contents 7	Reference to last Measurement 8
		...rsed Stone Masonry	
		...ep after Raking joints	
		...including Cost & Materials	
		...Specification etc. Complete.	
	0.50	8.00	
	0.50	5.85	
	0.50	5.75	
	0.50	5.60	
	0.50	5.80	
		3	
		31.00 M	3187:42

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426106

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
(9)	Providing and laying to Position Plain cement Concrete & Mix M20 with OPC cement @ 320 kg with 20 mm and down size graded granite metal coarse aggregate @ 0.87 cum and fine aggregate @ 0.459 cum with Super Plasticizer @ 3 lit conforming to IS 9103-1999 Reinforced machine mixed Exceeding 15 cms thick vibrated for all Works in Foundation Plinth and ground Floor level for Roof Slabs, Staircase Lintels Retaining Walls Return Walls including allowed Plastering including Cost & Materials etc.. Complete as per Specification.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	BBMP office Balcony Grill I st cross Bande						
	(1)	1	8.00	1.65	0.23	3.03	
	(2)	1	5.85	1.60	0.23	2.45	
	(3)	1	5.75	1.50	0.23	1.98	
	(4)	1	5.60	1.50	0.23	1.93	
	(5)	1	5.80	1.50	0.23	2.00	
		9	1.50	0.60	0.23	1.86	
						12.83 M3	81748:39
	Rate. 6371:66						
(10)	Providing TMT Steel reinforcement & reinforcing Cutting bending hooking					For RCC work including Placing in Position	

Serial No. .....

Name of Work ..... Fr

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3
	and or welding wire and annealing necessary complete shall not be measure from & necessary Com	wo
	As per Pre. M Page no., Rate. 64243:42	42

OK

Depth 6	Contents 7	Reference to last Measurement 8
0.23	3.03	
0.23	2.45	
0.23	1.98	
0.23	1.93	
0.23	2.00	
0.23	1.86	
	12.83 M³	81748:39
ment	For RCC work including	
ding	placing in position	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426107

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	and or welding wherever required tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (Cost of hooks and nuts shall not be measured and paid) cost of Materials cost of Labour & Machinery Complete as per Specification. As per Pre. Measurement recorded vide Page no. 42618 to 42619 in this MB. Rate. 64243:42					1.22 Ton	78376:97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(11)	Providing and constructing precast Concrete Solid blocks with compressive strength not less than 35kg/ Sqmm with Cement Mortar 1:4 masonry (Cavity Jamb Closer blocks) with Solid Concrete blocks of size 40 x 20 x 20 cms conforming to IS 2185 / 1965 in Superstructure including cost & necessary labour charges Scaffolding curing complete as per Specification.						
	Thimmarayappa House Road						
		2	30.00	0.80	-	48.00	
		2	30.00	0.80	-	48.00	
		2	30.00	0.80	-	48.00	
		2	13.00	0.80	-	20.80	

Serial No. .....
Name of Work .....
Name of Contractor of nature
Date of commencement of wo

Date	Full description, etc
1	2
	Cross R
	Cross
	Cross
	Rate - 99

epth 6	Contents 7	Reference to last Measurement 8
gt	Concrete Solid	
th not less than 30cm		
masonry (using		
d Concrete blocks		
to IS 2185 / 1965		
h mechanically		
ete as per Specification.		
-	48.00	
-	48.00	
-	48.00	
-	20.80	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426108

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Cross Road	2	30.00	0.40	-	24.00	
		2	30.00	0.40	-	24.00	
	Cross Road	2	30.00	0.40	-	24.00	
		2	7.00	0.40	-	5.60	
	Cross Road.	2	20.00	0.40	-	16.00	
		2	15.00	0.40	-	12.00	
						269.60	m^2
	Rate - 993:22						267772:11

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(12)	Precast Slab 20mm and down size for Slab (including Steel reinforcement) including centering and Shuttering Machine mixed Concrete laid in layers not exceeding 15cms thick well compacted cost & use materials cost on Hom & machinery curing complete as per Specification CC 1:1.5:3 including all cost & materials.						
	Thimmarayappa House Road						
		1	30.00	0.90	-	27.00	
		1	30.00	0.90	-	27.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of
Date of commencement of work

Date	Full description, etc, of
1	2
	Cross Ro
	Cross Ro
	Cross Ro
	Rate. 1856

Contents 7	Reference to last Measurement 8
ge for Slab including conveying lonveyance laid in e work compacted g mechanical ying 1:5:3 including	
27.00	
27.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

426103

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		1	30.00	1.20		36.00	
		1	13.00	1.20		15.60	
	Cross Road -	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
	Cross Road -	1	30.00	0.90		27.00	
		1	7.00	0.90		6.30	
	Cross Road -	1	20.00	0.90		18.00	
	Rate. 1856:67	1	15.00	0.90		13.50	
						225.00 M²	417750:75

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	*Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(13)	Providing and laying cement Concrete using 20mm and down size graded granite jelly & ready mixed Concrete (RMC) for RCC works laid in horizontal layers and well compacted vibrating curing finishing with necessary cement mortar form works and scaffolding to withstand pumping of Concrete complete including all cost of steel and fabrication charges) Ready mixed Concrete M20 for RCC Columns Footings etc. Complete as per specification. Thimmarayappa house Road						
		1	15.00	2.80	0.10	3.75	

S.E. (Civil)

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	Manju house Road. 24/08	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426110

Serial No. ..... From ..... To .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Mansu house Road.	1	22.00	(1.95+2.0)/2	x 0.10	4.34	
		1	21.00	(2.80+2.70)/2	x 0.10	5.77	
		1	18.00	(2.80+2.00)/2	x 0.10	4.32	
		1	23.00	(2.50+1.80)/2	x 0.10	4.60	
		1	39.00	(1.80+1.70)/2	x 0.10	6.82	
		1	23.00	1.50	0.10	3.45	

OOK

	Depth 6	Contents 7	*Reference to last Measurement 8
r d e rm e r M20 e	Conerete using granite jelly & ready mixed laid in location including curing finishing with all cost and cartage of steel and fabrication for grade Concrete as per specification.		
50	0.10	3.75	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	*Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Shilpa And Shashikala house Road.	1	6.00	3.20	0.10	1.92	
		1	23.00	1.50	0.10	3.45	
	C&FC	1	21.00	2.70	0.10	5.67	
		1	6.40	2.70	0.10	1.72	
	R.E. (24/10)	1	12.60	2.00	0.10	2.52	
	Cross Road	1	25.00	2.60	0.10	6.50	
	Anjinappa house Road-	1	25.00	2.50	0.10	6.25	
	BBMP office Backside Road.	1	30.00	(3.0+3.0)/2	0.10	9.15	
		1	20.00	3.10	0.10	6.20	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	C&FC	
	R.E. (24/10)	
	Ayappa Badavane 2nd cross.	

OOK

Depth 6	Contents 7	*Reference to last Measurement 8
0.10	1.92	
0.10	3.45	
0.10	5.67	
0.10	1.72	
0.10	2.52	
0.10	6.50	
0.10	6.25	
x 0.10	9.15	
0.10	6.20	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426111

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	13.60	(4.80+4.90)/2	x 0.10	6.59	
		1	22.00	(7.50+8.0)/2	x 0.10	17.05	
		1	17.80	4.70	0.10	8.36	
	Ayappa Badavane 2nd cross.	1	30.00	(6.0+5.90)/2	x 0.10	17.85	
		1	30.00	(5.90+6.05)/2	x 0.10	17.92	
		1	15.00	(6.05+5.70)/2	x 0.10	8.81	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	*Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cross Road	1	60.00	2.20	0.10	13.20	
	Cross Road.	1	30.00	(4.0+3.65)/2	x0.10	11.47	
	Cross Road.	1	5.00	3.65	0.10	1.82	
		1	30.00	(2.10+2.0)/2	x0.10	6.15	
		1	3.00	2.0	0.10	0.60	
		1	27.00	(3.50+3.60)/2	x0.10	9.58	
		1	30.00	(5.0+5.50)/2	x0.10	15.75	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Rate. 6271:74
(14)	Providing Groove width & 5mm to c Cost & Casting ma including Cost &

OOK

dth	Depth 6	Contents 7	*Reference to last Measurement 8
20	0.10	13.20	
+ 3.65)			
2	x 0.10	11.47	
65	0.10	1.82	
0 + 2.0)			
2	x 0.10	6.15	
0	0.10	0.60	
0 + 3.60)			
2	x 0.10	9.58	
0 + 5.30)		15.75	
2	x 0.10		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426112

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	30.00	(5.50 + 5.60) / 2 x 0.10		16.65	
		1	25.00	(5.60 + 5.0) / 2 x 0.10		13.25	
	Rate. 6271:74					242.56 M	1511571-6 / 1521273:25
	(14) Providing Groove Cutting for concrete Pavements width 5 mm to 10mm and depth 80mm. 100mm including Cost & Cutting machine generator & HOM & machenery including Cost of blade Coolant etc. including cleaning						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	& grooves and providing sand and hot bitumen grouting including cost & conveyance & all necessary labour lead and hoisting charges and all other incidental charges as per drawing complete as per specification						
	Thimmarayappa house						
		4	2.50	-	-	10.00	
		6	2.00	-	-	12.00	
		6	2.70	-	-	16.20	
	Mansu house Road	5	2.00	-	-	10.00	
		6	2.00	-	-	12.00	
		10	1.70	-	-	17.00	

M.

Serial No. .....

Name of Work ..... Fro

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3
		6
	Shilpa and Shashikala house Road.	2
		8
		7
		3
		5
	Cross Road.	9

epth 6	Contents 7	Reference to last Measurement 8
	ud hoisting ance & all necessary ud all other incidental e as per Specification	
-	10.00	
-	12.00	
-	16.20	
-	10.00	
-	12.00	
-	17.00	

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No. B 426113

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		6	1.50	-	-	9.00	
	Shilpa And Shashibala house Road.	2	3.20	-	-	6.40	
		8	1.50	-	-	12.00	
		7	2.70	-	-	18.90	
		3	2.70	-	-	8.10	
		5	2.00	-	-	10.00	
	Cross Road.	9	2.60	-	-	23.40	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	*Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Anjinappa house Road.	9	2.50	"	"	22.50	
	BBMP office Backside Road.	10	3.00	"	"	30.00	
		7	3.10	"	"	21.70	
		5	4.80	"	"	24.00	
		8	7.50	"	"	60.00	
		7	4.70	"	"	32.90	
	Ayappa Badavane. and cross.	10	5.90	"	"	59.00	
		10	5.90	"	"	59.00	
		6	5.70	"	"	34.20	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of wor
1	2
	Cross Road.
	Cross Road.
	Cross Road
	Page - 121 : 90

Contents 7	Reference to last Measurement 8
22.50	
30.00	
21.70	
24.00	
60.00	
32.90	
59.00	
59.00	
34.20	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426114

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Cross Road.	6	2.20	1	-	13.20	
	Cross Road.	5	3.60	1	-	18.00	
	Cross Road.	5	2.00	1	-	10.00	
		5	3.50	1	-	17.50	
		6	5.00	1	-	30.00	
		6	5.50	1	-	33.00	
	Rate - 121=90					554.00 MW	67533.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	*Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(15)	Vaccum De. watering with Vaccum Pump and Suction mat and Compaction with Skin Plaser Classed with Floating dese including cost & generator Hom & mechenary Served with Plaser Power Plaase Scale and desc ese.. with all Load and UP ese complese.						
	Thimmarappa house Road.						
		1	15.00	2.50	-	37.50	
		1	22.00	(1.95+2.0)/2		43.45	
		1	21.00	(2.80+2.20)/2		57.75	
	Manju house Road	1	12.00	(2.80+2.0)/2		28.80	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Shilpa and Shasika house Road.

OOK

h	Depth 6	Contents 7	*Reference to last Measurement 8
			ccum Pump and work Stem Gasket ding Cost & generator or Power Plant Shade & etc complete.
00	-	37.50	
5	+2.0)	43.75	
2			
0	+2.70	57.75	
2			
0	+2.0)	28.80	
2	-		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426115

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	23.00	(2.30+1.30)/2	-	46.00	
		1	39.00	(1.80+1.70)/2	-	68.25	
		1	23.00	1.50	-	34.50	
	Shilpa and Shashikala House Road.	1	6.00	3.20	-	19.20	
		1	23.00	1.50	-	34.50	
		1	21.00	2.70	-	56.70	
1	Pump	1	6.40	2.70	-	17.28	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	*Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	12.60	2.00	-	25.20	
	Cross Road	1	25.00	2.60	-	65.00	
	Anjanapra house Road	1	25.00	2.50	-	62.50	
	BBMP office Backside Road.	1	30.00	(3.10+3.10)/2	-	91.50	
		1	20.00	3.10	-	62.00	
		1	13.60	(4.80+4.90)/2	-	65.96	
		1	22.00	(7.50+8.00)/2	-	170.50	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Ayappa Bedamar 2nd cross
	Cross Road

OOK

dth	Depth 6	Contents 7	*Reference to last Measurement 8
00	-	25.20	
60	-	65.00	
50	-	62.50	
0+3.10)		91.50	
2	-		
.10	-	62.00	
.80+4.90)		65.96	
2	-		
.50+8.10)		170.50	
2	-		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426116

Serial No. ..... From..... To.....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	17.80	4.70	-	83.66	
	Ayappa Bedamane						
	2nd cross -	1	30.00	(6.10+5.90)/2		178.50	
		1	30.00	(5.90+6.05)/2		179.25	
	Drainage	1	15.00	(6.05+5.70)/2	-	88.12	
	Cross Road -	1	60.00	2.20	-	132.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	*Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cross Road	1	30.00	$\frac{(4.0+3.65)}{2}$	-	114.75	
		1	5.00	3.65	-	18.25	
	Cross Road .	1	30.00	$\frac{(2.10+2.0)}{2}$	-	61.50	
		1	3.00	2.0	-	6.00	
		1	27.00	$\frac{(3.50+3.60)}{2}$	-	95.85	
		1	30.00	$\frac{(5.0+5.50)}{2}$	-	157.50	
		1	30.00	$\frac{(5.50+5.60)}{2}$	-	166.50	
		1	25.00	$\frac{(5.60+5.0)}{2}$	-	132.50	
	Rate. 95:40					2356.00 M²	224762

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
(16)	Earthwork Exc Glaser Supply ciser in Pits in hard Soil no Dressing the so Stacking the with lead upto as per Speci Co

OOK

th	Depth 6	Contents 7	Reference to last Measurement 8
	+3.65)	114.75	
	2	18.25	
	0+2.0)	61.50	
	2	6.00	
	0 -		
	50+3.60)	95.85	
	2		
	0+5.00)	157.50	
	2		
	00+5.60)	166.50	
	2		
	60+5.00)	132.50	
	2 -	2356.00M²	224762

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426117

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(16)	Earthwork Excavation for foundation & buildings Water Supply Sanitary line and electrical conduits either in pits or in trenches 1.00 MM and above in width in hard Soil not exceeding 1.00 MM in depth including dressing the bottom and sides & pits and trenches Stacking the excavated Soil clear from edges & excavation MM lead upto 50 MM after trenching & leads complete as per Specification. Rft.. Complete.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	*Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	As per Pre-Measurement recorded vide Page No.- 426162 to 426163 in this MB.					157.14 M^3	
	Rate - 223:66						35145:93
(17)	Providing and installing as per site & Work 63mm (0.662) PVC Pipes @ 6 kg/cm² including cost of Pipes and Specials and Casons including cost of trenches laying true to grade line level as per jointing of Joints Leak Proof including Joints & approved type WM all casons and Inspections						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of wo
1	2
	handling cha to a depth a earth and lay As per Page N
	Rate - 64.4

Contents 7	Reference to last Measurement 8
...corded vide in this MB. 157.14 M³	35145:93
...e & Work B3mm ...cluding Cost & ...including cisso ...ie cowl and pepper ...cluding soiling ...r and incidentals	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426118

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	handling charges including encasing the pipe around & a depth not less than 15cms with gravel or selected coarse sand as laid from the excavation. As per Pre-measurement recorded vide Page No.. 426163 to 426163 in this MB. Rate - 644:00					194.00 M3	125029:12

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(18)	Refilling available earth around fire line cable in layers not exceeding 20cms in depth Compacting each deposited layer by Ramming after watering with lead upto 50 mtrs and lift upto 1.50 mtrs including cost & all labour compose as per Specification.					(16) 157.14 M	
	Quantity vide item No. 18 limited to					87.30 m^3	
(19)	Rate. 59.36 Lead for disposal of Debrises shall be payable as charge rates by mechanical means including					5182.12	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	loading and un compose as per Quantity vi
	Rate
	30/4/18

ENT BOOK

Dimensions			Contents	Reference to last Measurement
th	Breadth 5	Depth 6	7	8
n around	Fire line Cable			
s 20cms in depth Cement				
y Ramming after laying				
with up to 1.50mm including				
e as per Specification.				
dem No.1			(16)	
			157.14 M	
mixed to			87.30 M^3	
			5182:12	
charges shall be payable				
mechanical means including				

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426119

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Loading and unloading from C & FC Quantity vide Item No.1 Comprise as per Specification.				0.00 to 2.00 km ese..		
						(61.55 + 128.67) = 190.22 M^3	13908:88
	Rate 73:12				Total Rs -		5404240:00
	Add 10% for GST charges				Rs.		540424:00
	Add 1% Labour Cess				Rs -		54042:00
					Total Rs.		5998706:00

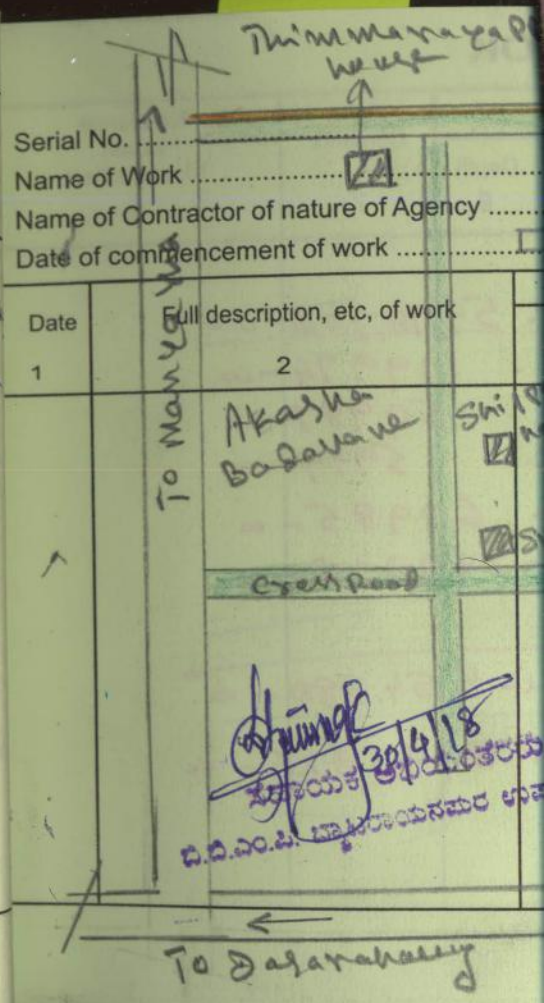
30/4/18
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	*Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate :- ① Certified that the work done Satisfactorily ② This bill Amount has not been claimed in any of previous bill. 30/4/18 ಸಹಾಯಕ ಅಭಿಯಂತರರು ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24 30/4/2018 Accepted all measurements with full & final settlement Assistant Executive Engineer Byatarayanapura Sub-division KRIDL, BBMP, Bangalore						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Akash Badavane



BOOK

ons		Contents	Reference to last Measurement
readth 5	Depth 6	7	8

...ual the Workdone Satisfactory
...unt has not been claimed
...evious bill.

30/4/2018
...ಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
...ಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
...ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

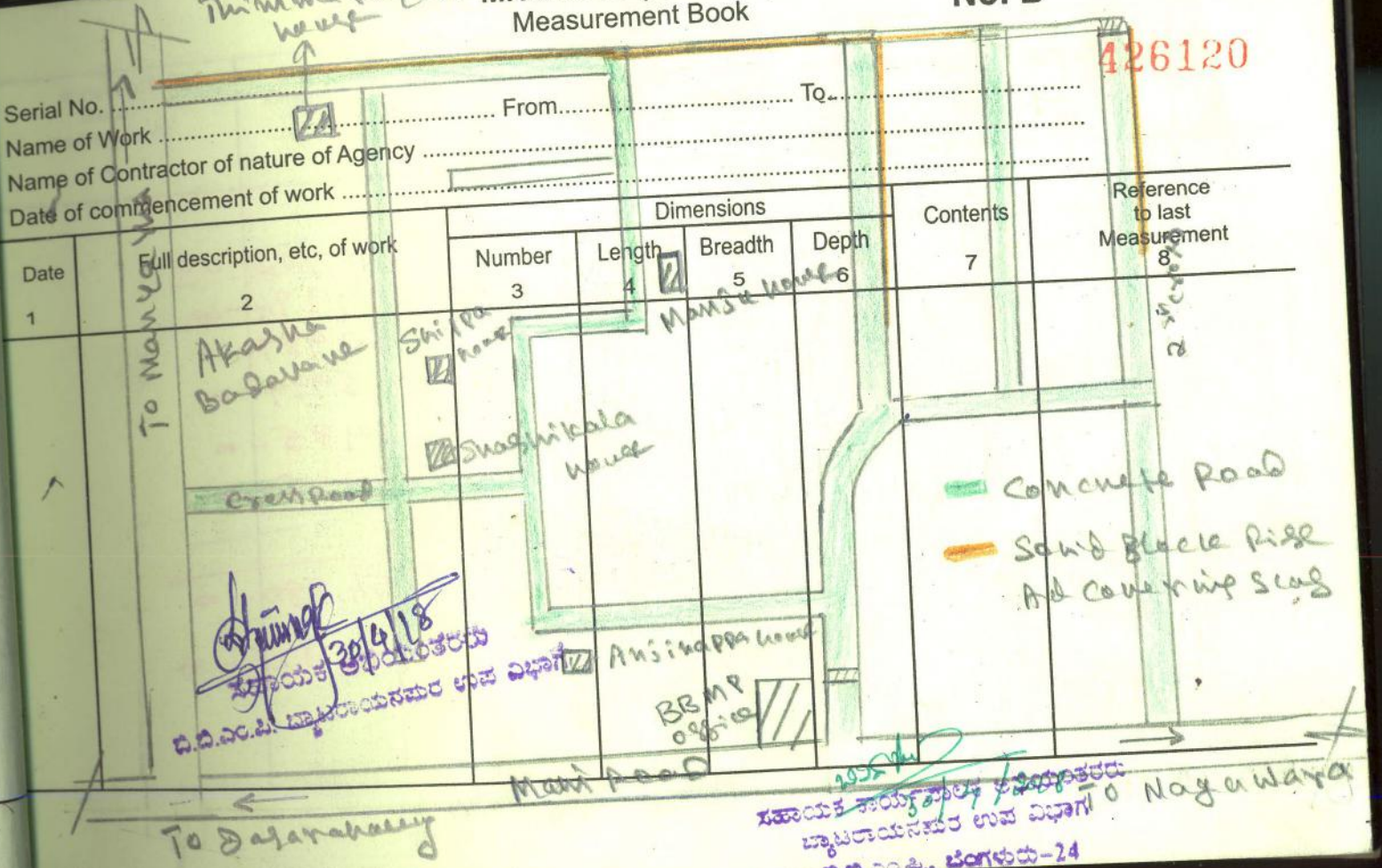
M. A. R. 57 (Rule 116)
Measurement Book

No. B

426120

Serial No. ..... From..... To.....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



30/4/18
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

30/4/18
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions					Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6		8

ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 59,98,706-೦೦

ಗಣಿ ಪ್ರಾಪ್ತಿ ಮಾಡಿಕೆ : ಇಪ್ಪರಲ್ಲಿ ರೂ 554880-೦೦

ಕೊಂಡಾಜಕ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು 5443826-೦೦

Rs: Fifty four lakhs forty three thousand eight hundred twenty six only.

ಚೆಕ್ ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ

ಲೆಕ್ಕಾಧೀಕ್ಷಕರು

ಬಾಗಲಕೋಟೆ ವಿಭಾಗ

Total Rs. 59,98,706-00

IT - 119974-00

Cess - 59987-00

CBF - 5999-00

LR - 68985-00

FSD - 299935-00

Adju - 5,54,880-00

Cheque: 5443826-00

M. A. R
Meas

Serial No. .....

Name of Work ..... From...

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3